Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063466.D
Acq On : 16 Nov 2024 19:05
Operator : RC/JU
Sample : PB165023BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS023

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 17 06:29:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	93918	20.000	ng/ul	0.00
20) Naphthalene-d8	10.621	136	385406	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.469	164	295008	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.225	188	747235	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.479	240	783026	20.000	ng/ul	# 0.00
88) Perylene-d12	24.516	264	845310	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	15889	7.650	ng/uL	0.00
4) Pyridine-d5	3.705	84	212825	31.002	ng/ul	0.00
7) Phenol-d5	7.013	99	296808	35.023	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	176102	35.427	ng/ul	0.00
11) 2-Chlorophenol-d4	7.366	132	203958	37.079	ng/ul	-0.01
15) 4-Methylphenol-d8	8.547	113	240585	33.493	ng/ul	0.00
21) Nitrobenzene-d5	8.988	128	108563	40.067	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	132245	37.764	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	250633	36.470	ng/ul	0.00
31) 4-Chloroaniline-d4	10.762	131	279725	31.250	ng/ul	0.00
46) Dimethylphthalate-d6	13.876	166	798886	34.572	ng/ul	0.00
49) Acenaphthylene-d8	14.164	160	917159	40.550	ng/ul	0.00
54) 4-Nitrophenol-d4	14.693	143	117822	37.240	ng/ul	0.01
60) Fluorene-d10	15.468	176	737758	37.829	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	171926	36.610	ng/ul	0.00
73) Anthracene-d10	17.319	188	1255567	39.096	ng/ul	0.00
81) Pyrene-d10	19.622	212	1621951	41.314	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.305	264	1602932	39.275	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	32516	12.717	ng/uL#	86
5) Pyridine	3.729	79	217493	31.051	ng/ul	96
6) Benzaldehyde	6.972	77	112901	24.105	ng/ul	94
8) Phenol	7.037	94	306763	33.216	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.254	93	205132	32.659	ng/ul	87
12) 2-Chlorophenol	7.401	128	212486	36.113	ng/ul	95
13) 2-Methylphenol	8.282	108	231952	34.384	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.347	45	304087	38.304	ng/ul#	92
16) Acetophenone	8.653	105	357061	30.873	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.635	70	203445	30.157	ng/ul	100
18) 4-Methylphenol	8.611	108	251539	32.791	ng/ul	96
19) Hexachloroethane	8.905	117	85422	35.826	ng/ul	88
22) Nitrobenzene	9.029	77	305556	36.574	ng/ul	97
23) Isophorone	9.552	82	561520	31.845	ng/ul	99
25) 2-Nitrophenol	9.740	139	132025	38.138	ng/ul	92
26) 2,4-Dimethylphenol	9.804	107	219294	29.042	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.033	93	309149	36.369	ng/ul	95
29) 2,4-Dichlorophenol	10.280	162	231127	35.674	ng/ul	97
30) Naphthalene	10.668	128	720025	36.512	ng/ul	99
32) 4-Chloroaniline	10.785	127	216045	25.218	ng/ul	93
33) Hexachlorobutadiene	10.962	225	193287	31.171	ng/ul	96
34) Caprolactam	11.543	113	77594m	28.815	ng/ul	
35) 4-Chloro-3-methylphenol	11.919	107	259748	33.412	ng/ul	93
36) 2-Methylnaphthalene	12.284	142	516868	33.069	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.507	142	520692	32.036	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.660	216	374634	36.024	ng/ul	99
40) Hexachlorocyclopentadiene	12.636	237	133198	23.456	ng/ul	95
41) 2,4,6-Trichlorophenol	12.901	196	204897	36.501	ng/ul	98
42) 2,4,5-Trichlorophenol	12.977	196	227598	37.389	ng/ul	95
43) 1,1'-Biphenyl	13.300	154	752507	40.242	ng/ul	99
44) 2-Chloronaphthalene	13.341	162	577274	39.654	ng/ul	100
45) 2-Nitroaniline	13.553	65	202720	40.822	ng/ul	93
47) Dimethylphthalate	13.929	163	753045	33.987	ng/ul	98
48) 2,6-Dinitrotoluene	14.046	165	156785	36.978	ng/ul	97
50) Acenaphthylene	14.193	152	919103	40.794	ng/ul	98
51) 3-Nitroaniline	14.381	138	159131	42.998	ng/ul	96
52) Acenaphthene	14.534	153	621586	38.546	ng/ul	98
53) 2,4-Dinitrophenol	14.599	184	78186	27.970	ng/ul	90
55) 4-Nitrophenol	14.704	109	128608	31.276	ng/ul	93
56) Dibenzofuran	14.869	168	940917	38.117	ng/ul	100
57) 2,4-Dinitrotoluene	14.845	165	239539	35.721	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.104	232	197122	31.268	ng/ul#	91
59) Diethylphthalate	15.298	149	775828	34.153	ng/ul	99
61) Fluorene	15.521	166	798758	38.232	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.515	204	468916	34.924	ng/ul	96
63) 4-Nitroaniline	15.550	138	171559m	45.801	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.615	198	173762	35.653	ng/ul	98
67) N-Nitrosodiphenylamine	15.733	169	670111	40.199	ng/ul	99
68) 4-Bromophenyl-phenylether	16.408	248	317538	37.172	ng/ul	94
69) Hexachlorobenzene	16.532	284	335256	36.840	ng/ul#	96
70) Atrazine	16.684	200	137759	15.107	ng/ul	99
71) Pentachlorophenol	16.884	266	126891	27.813	ng/ul	99
72) Phenanthrene	17.266	178	1355717	39.710	ng/ul	99
74) Anthracene	17.354	178	1356800	38.794	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.265	216	393570	40.731	ng/ul	98
76) Pentachlorobenzene	14.792	250	378711	36.753	ng/ul	95
77) Carbazole	17.630	167	1183148	40.746	ng/ul	99
78) Di-n-butylphthalate	18.188	149	1388342	42.033	ng/ul	99
80) Fluoranthene	19.287	202	1753692	41.327	ng/ul#	96
82) Pyrene	19.651	202	1848250	41.091	ng/ul#	94
83) Butylbenzylphthalate	20.545	149	608183	46.266	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.379	252	667130	39.622	ng/ul#	99
85) Benzo(a)anthracene	21.461	228	1968999	39.754	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.373	149	859909	44.910	ng/ul	99
87) Chrysene	21.526	228	1803048	39.046	ng/ul	99
89) Di-n-octyl phthalate	22.519	149	1514291	45.459	ng/ul	100
90) Benzo(b)fluoranthene	23.559	252	1998201	39.289	ng/ul#	99
91) Benzo(k)fluoranthene	23.617	252	1934387	38.185	ng/ul#	98
93) Benzo(a)pyrene	24.375	252	1782160	37.882	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	27.948	276	2221342	38.494	ng/ul#	95
95) Dibenzo(a,h)anthracene	27.989	278	1861957	39.577	ng/ul#	95
96) Benzo(g,h,i)perylene	29.005	276	1708840	39.058	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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